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Sequence Listing was accepted.

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Reviewer: markspencer

Timestamp: [year=2008; month=3; day=13; hr=14; min=56; sec=57; ms=367; ]

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Application No: 10551699 Version No: 2.0

Input Set:

Output Set:

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Finished: 2008-03-03 14:45:59.830  
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Total Warnings: 12  
Total Errors: 0  
No. of SeqIDs Defined: 21  
Actual SeqID Count: 21

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<141> 2005-11-21

<150> PCT/EP04/50405

<151> 2004-04-01

<150> EP 03075974.0

<151> 2003-04-01

<160> 21

<170> PatentIn version 3.3

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<211> 860

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tgacatgtga atcagccatt caacttcgag aaaaaggtga agtggttgta ggagagacta	360
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Ile Leu Glu Ile Ala Pro Ala Ala Lys Asn Met Phe Ser Phe Leu Arg  
35 40 45

Asp Ser Glu Glu Val Pro Gln Asn Asn Pro Lys Leu Lys Ala His Ala  
50 55 60

Ile Lys Val Phe Lys Met Thr Cys Glu Ser Ala Ile Gln Leu Arg Glu  
65 70 75 80

Lys Gly Glu Val Val Val Gly Glu Thr Thr Leu Lys Tyr Leu Gly Ala  
85 90 95

Ile His Leu Lys Asn Gly Val Ile Asp Pro His Phe Glu Val Val Lys  
100 105 110

Gln Ala Leu Leu Arg Thr Ile Glu Glu Ala Ser Gly Asp Lys Trp Ser  
115 120 125

Glu Glu Leu Lys Cys Ala Trp Ser Val Ala Tyr Asp His Leu Ala Ala  
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Ala Ile Lys Ala Glu Met Lys Glu  
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Ser Trp Glu Ile Leu Lys Gln Asp Ile Pro Lys Tyr Ser Leu His Phe
          20           25           30

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Phe Ser Gln Ile Leu Glu Ile Ala Pro Ala Ala Lys Gly Leu Phe Ser
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Phe Leu Arg Asp Ser Asp Glu Val Pro His Asn Asn Pro Lys Leu Lys
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Ala His Ala Val Lys Val Phe Lys Met Thr Cys Glu Thr Ala Ile Gln
65           70           75           80

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85 90 95

Leu Gly Ser Ile His Leu Lys Ser Gly Val Ile Asp Pro His Phe Glu  
100 105 110

Val Val Lys Glu Ala Leu Leu Arg Thr Leu Lys Glu Gly Leu Gly Glu  
115 120 125

Lys Tyr Asn Glu Glu Val Glu Gly Ala Trp Ser Gln Ala Tyr Asp His  
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Leu Ala Leu Ala Ile Lys Thr Glu Met Lys Gln Glu Glu Ser  
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ccagcagcaa aggacatgtt ctctttccta agagacacag atgaagtccc tcataacaat 180  
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catttcaaga gcggtgttct tgatcctcac tttaggtgg tgaaagaggc attggtgagg 360  
acactgaaag aagggttggg ggagaagtac aatgaagaag tggaaggagc ttggtccaag 420  
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20

25

30

Phe Ser Gln Ile Leu Glu Ile Ala Pro Ala Ala Lys Asp Met Phe Ser  
 35 40 45

Phe Leu Arg Asp Thr Asp Glu Val Pro His Asn Asn Pro Lys Leu Lys  
 50 55 60

Ala His Ala Val Lys Val Phe Lys Met Thr Cys Glu Thr Ala Ile Gln  
 65 70 75 80

Leu Arg Glu Lys Gly Lys Val Val Val Ala Asp Thr Thr Leu Gln Tyr  
 85 90 95

Leu Gly Ser Val His Phe Lys Ser Gly Val Leu Asp Pro His Phe Glu  
 100 105 110

Val Val Lys Glu Ala Leu Val Arg Thr Leu Lys Glu Gly Leu Gly Glu  
 115 120 125

Lys Tyr Asn Glu Glu Val Glu Gly Ala Trp Ser Lys Ala Tyr Asp His  
 130 135 140

Leu Ala Leu Ala Ile Lys Ala Glu Met Lys Gln Glu Asp Ser Gln Lys  
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Val Leu Lys Gln Asp Ile Pro His Ser Ser Leu Arg Phe Phe Ser Leu  
20 25 30

Ile Leu Glu Ile Ala Pro Gly Ala Lys Asn Met Phe Ser Phe Leu Arg  
35 40 45

Glu Ser Glu Glu Ile Pro Gln Asn Asn Pro Lys Leu Lys Ala His Ala  
50 55 60

Val Lys Val Phe Lys Met Thr Cys Glu Ser Ala Ile Gln Leu Arg Glu  
65 70 75 80

Lys Gly Glu Val Val Val Ala Asp Thr Thr Leu Lys Tyr Leu Gly Thr  
85 90 95

Val His Val Lys Ser Gly Val Lys Asp Pro His Phe Glu Val Val Lys  
100 105 110

Glu Ala Leu Leu Arg Thr Ile Glu Glu Ala Ile Gly Glu Glu Lys Trp  
115 120 125

Asn Glu Glu Met Lys Asn Ala Trp Gly Glu Ala Tyr Asp Gln Leu Ala  
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Glu Ala Ile Lys Ala Glu Met Lys Asn His His Asp Glu Thr Ala  
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<213> Lycopersicon esculentum

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Phe Met Lys Gln Asp Ile Pro Gln Leu Ser Leu Arg Phe Phe Ser Leu  
20 25 30

Ile Leu Glu Ile Ala Pro Val Ala Lys Asn Met Phe Ser Phe Leu Lys  
35 40 45

Asp Ser Asp Glu Leu Pro Glu Asn Asn Pro Lys Leu Arg Ala His Ala  
50 55 60

Val Lys Val Phe Lys Met Thr Cys Glu Ser Ala Ile Gln Leu Arg Glu  
65 70 75 80

Lys Gly Glu Val Val Val Gly Glu Thr Thr Leu Lys Tyr Leu Gly Ser  
85 90 95

Ile His Leu Gln Lys Arg Val Ala Asp Pro His Phe Glu Val Val Lys  
100 105 110

Glu Ala Leu Leu Arg Thr Val Lys Glu Ala Thr Gly Asn Lys Trp Lys  
115 120 125

Asp Glu Met Lys Glu Ala Trp Ser Glu Ala Tyr Asp Gln Leu Ala Ser  
130 135 140

Ala Ile Lys Ala Glu Met His Ala Glu Ala Ala Ala  
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<212> PRT  
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20 25 30

Ile Leu Glu Ala Ala Pro Glu Ser Lys Tyr Val Phe Ser Phe Leu Lys  
35 40 45

Asp Ser Asn Glu Ile Pro Glu Asn Asn Pro Lys Leu Lys Ala His Ala  
50 55 60

Ala Val Ile Phe Lys Thr Ile Cys Glu Ser Ala Thr Glu Leu Arg Gln  
65 70 75 80

Lys Gly His Ala Val Trp Asp Asn Asn Thr Leu Lys Arg Leu Gly Ser  
85 90 95

Ile His Leu Lys Asn Lys Ile Thr Asp Pro His Phe Glu Val Met Lys  
100 105 110

Gly Ala Leu Leu Gly Thr Ile Lys Glu Ala Ile Lys Glu Asn Trp Ser  
115 120 125

Asp Glu Met Gly Cys Ala Trp Thr Glu Ala Tyr Asn Gln Leu Val Ala  
130 135 140

Thr Ile Lys Ala Glu Met Lys Glu  
145 150